AMENDMENT	Docket No. ST9-98-083

Applicant:	Stephen Lewallen
Serial No:	09/244,291
Filed:	February 3, 1999
For:	METHOD AND APPARATUS FOR PROVIDING PROTOCOL INDEPENDENT NAMING AND LIFE CYCLE SERVICES IN AN OBJECT-ORIENTED SYSTEM
Examiner:	T. Ho
Art Unit:	2751

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)
The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Box Non-Fee Amendment, Assistant Commissioner for Patents, Washington, D.C. 20231 on July 23, 2002.

Frances M. Cunningham

Box Non-Fee Amendment
Assistant Commissioner for Patents
Washington, D.C. 20231

In response to the office communication dated April 25, 2002, please amend the above-identified application as follows:

Substitute Paragraphs

Please substitute for the paragraph beginning on page 7, line 11 the following:

A1

Figure 1 illustrates the a computer system comprising client computers 102, 104 and 106 intercoupled to each other and to a server 108 through a bus 105. Server 108 may be coupled to a database 110. Each of the computers may have a system architecture such as an IBM PS/2®, on which the invention may be implemented. The exemplary computer system of Figure 1 is for descriptive purposes only. Although the description may refer to terms commonly used in describing particular computer

A1

systems, such as in IBM PS/2 computer, the description and concepts equally apply to other systems, including systems having architectures dissimilar to Figure 1.

Please substitute for the paragraph beginning on page 7, line 17 the following:

A2

Computer system 100 includes a central processing unit (CPU) 118, which may be implemented with a conventional microprocessor, and a random access memory (RAM) for temporary storage of information and a read only memory (ROM) for permanent storage of information, both collectively illustrated as memory 112. A memory controller is provided for controlling the RAM.

Please substitute for the paragraph beginning on page 7, line 22 the following:

A3

A bus interconnects the components of each computer system. A bus controller is provided for controlling bus. An interrupt controller is used for receiving and processing various interrupt signals from the system components.

Please substitute for the paragraph beginning on page 7, line 25 the following:

A4

Mass storage may be provided by diskette , CD ROM , or hard drive. Data and software may be exchanged with each computer system via removable media such as diskette and CD ROM. The diskette is insertable into a diskette drive which is, in turn, connected to the bus by a controller. Similarly, the CD ROM is insertable into CD ROM drive which is, in turn, connected to the bus by a controller. A hard disk is part of a fixed disk drive which is connected to the bus by controller.

Please substitute for the paragraph beginning on page 8, line 3 the following:

A5

User input to the computer systems may be provided by a number of devices. For example, a keyboard 156 and mouse 157 are connected to the bus by controller. An audio transducer , which may act as both a microphone and a speaker, is connected to

A5

the bus by an audio controller. It will be obvious to those reasonably skilled in the art that other input devices, such as a pen and/or tabloid may be connected to the bus and an appropriate controller and software, as required. A DMA controller is provided for performing direct memory access to RAM. A visual display is generated by video controller which controls video display 170. Computer system 100 also includes a communications adapter which allows the system to be interconnected to a local area network (LAN) or a wide area network (WAN).